

IAP20 Rec'd SEP 20 22 DEC 2005
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Patent Application**

Applicants(s): Jan Boer

Bas Driesen
Tim Schenk
Allert Van Zelst

Case: Boer 7-3-2-3

Serial No.: Unassigned

Filing Date: Concurrently Herewith

Group: Unassigned

Examiner: Unassigned

I hereby certify that this paper is being deposited on this date with the U.S.
Postal Service as first class mail addressed to the Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450

Signature: *John Maurer* Date: December 22, 2005

Title: Method and Apparatus for Communicating Symbols in a Multiple Input Multiple
Output Communication System Using Interleaved Subcarriers Across a Plurality
of Antennas

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying PTO Form 1449. A copy of the listed item is enclosed.

Other Documents

1. Shin et al., "A New Training Symbol Structure to Enhance the Performance of Channel Estimation for MIMO-OFDM Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing Proceedings (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003).
2. Sun et al., "Training Sequence Assisted Channel Estimation for MIMO OFDM," Wireless Communications and Networking, pgs. 38-43 (March 16, 2003).

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or that no other material information exists.

10/562618 22 DEC 2005

In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,



Date: December 22, 2005

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FORM PTO-1449 (MODIFIED)

Applicant: Jan Boer
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**LIST OF PUBLICATIONS FOR
 APPLICANT'S INFORMATION
 DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS

EXAMINER				FILING DATE
INITIAL	DOCUMENT NO.	DATE	NAME	IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER				TRANSLATION	
INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	YES NO

OTHER DOCUMENTS

EXAMINER	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
/F.C./		Shin et al., "A New Training Symbol Structure to Enhance the Performance of Channel Estimation for MIMO-OFDM Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing Proceedings (ICASSP), Vol. 1 of 6, pgs. IV397-IV400 (April 6, 2003).
/F.C./		Sun et al., "Training Sequence Assisted Channel Estimation for MIMO OFDM," Wireless Communications and Networking, pgs. 38-43 (March 16, 2003).

/Fred Casca/

07/18/2009

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.